

Name:

Observing Log

Due: Nov. 12

Total Marks	
T:	/60
C:	/40
A:	/20

Moon Observation Instructions

Observe the moon 4 times.

Draw the phase of the moon

Make observation notes (see below)

Draw the Earth/Moon/Sun system orientation

Constellation Observation Instructions

Choose 4 of the following constellations (Ursa Major, Ursa Minor, Cassiopeia, Cepheus, Draco, Orion, Gemini, Canis Major).

Draw the constellation as you see it in the sky.

Mark apparent magnitude of each star (6=faintest you can see, 1= brightest in the sky)

Include cardinal point(s) (NESW)

Make observation notes (see below)

Observation notes include:

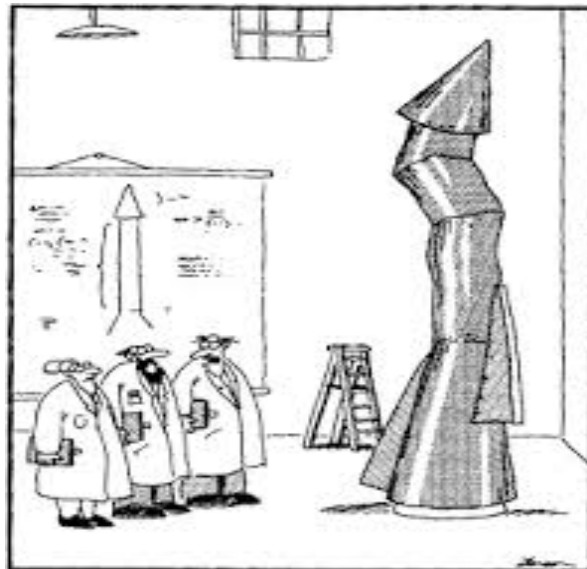
Date of observation

Time of observation

Weather conditions (cloudy, rainy, etc.)

Outside Temperature

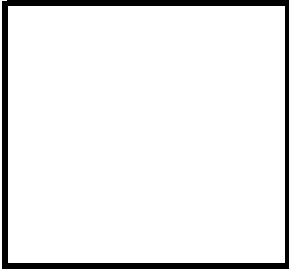
Any other interesting things you observe (meteors, satellites, etc.)



"It's time we face reality, my friend. ... We're not exactly rocket scientists."

Part A: Moon Observations

Observation #1



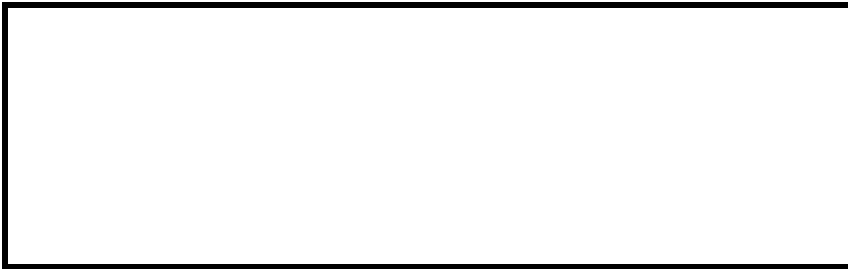
Moon Phase [T:5]

Observation Notes [C: 5]

Date:

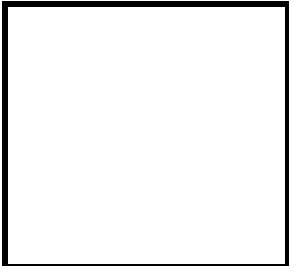
Time:

Observing Conditions:



Earth/Moon/Sun System Orientation [A:5]

Observation #2



Moon Phase [T:5]

Observation Notes [C: 5]

Date:

Time:

Observing Conditions:



Earth/Moon/Sun System Orientation [A:5]

Observation #3



Moon Phase [T:5]

Observation Notes [C: 5]

Date:

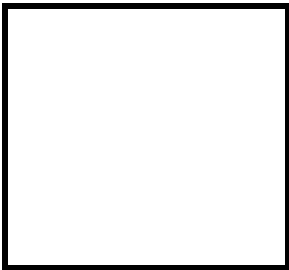
Time:

Observing Conditions:



Earth/Moon/Sun System Orientation [A:5]

Observation #4



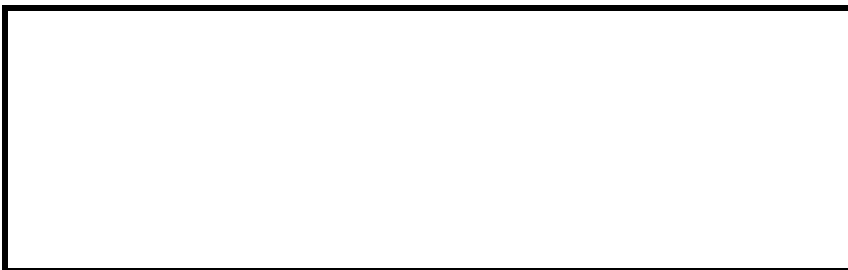
Moon Phase [T:5]

Observation Notes [C: 5]

Date:

Time:

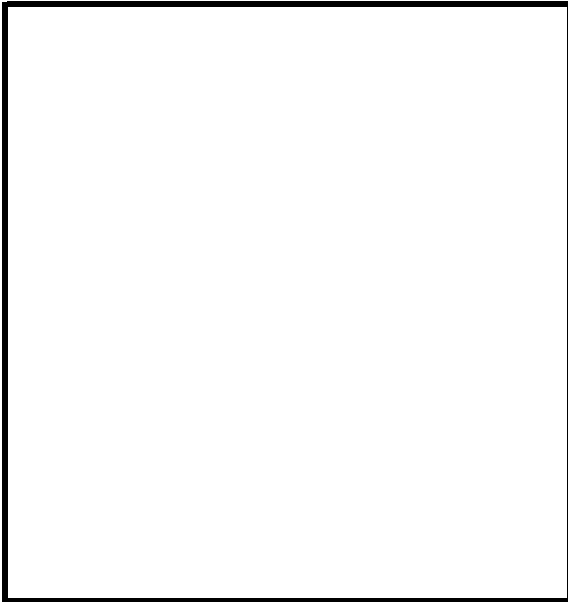
Observing Conditions:



Earth/Moon/Sun System Orientation [A:5]

Part B: Constellation Observations

Observation #1



Observation Notes [C: 5]

Date:

Time:

Observing conditions:

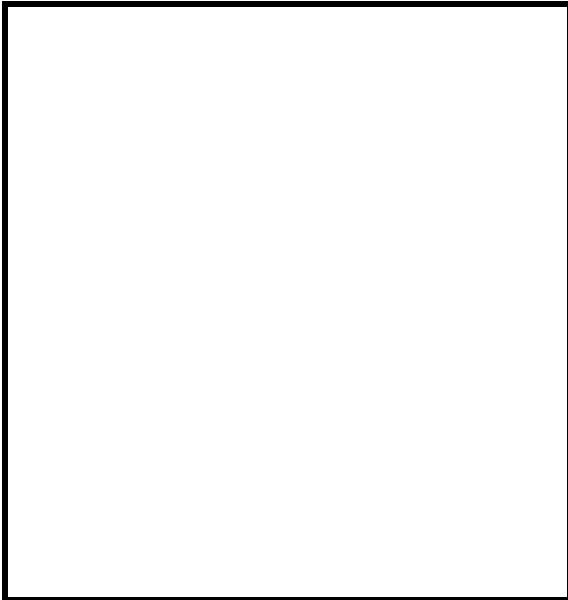
Drawing [T:5]

Magnitudes [T:3]

Cardinal Pts: [T:2]

Constellation:

Observation #2



Observation Notes [C: 5]

Date:

Time:

Observing conditions:

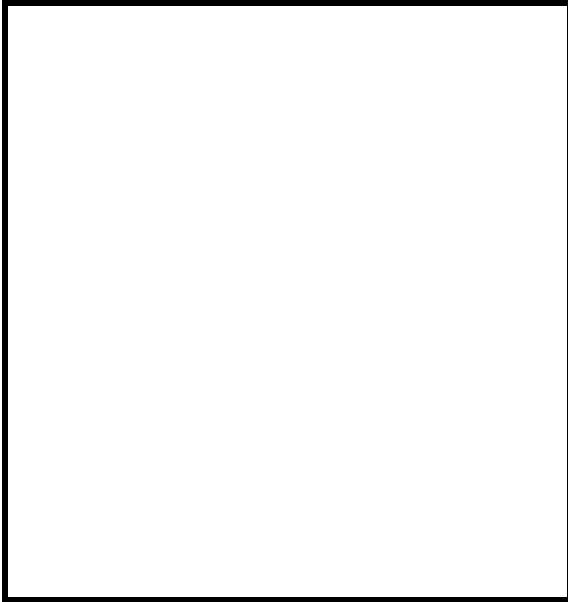
Drawing [T:5]

Magnitudes [T:3]

Cardinal Pts: [T:2]

Constellation:

Observation #3



Observation Notes [C: 5]

Date:

Time:

Observing conditions:

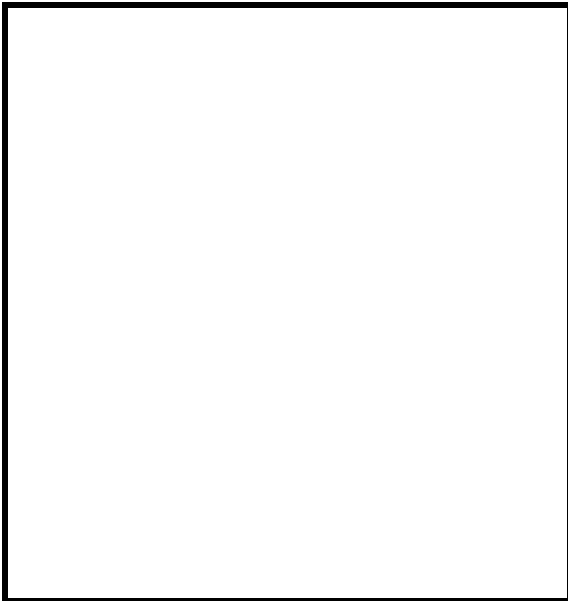
Drawing [T:5]

Magnitudes [T:3]

Cardinal Pts: [T:2]

Constellation:

Observation #4



Observation Notes [C: 5]

Date:

Time:

Observing conditions:

Drawing [T:5]

Magnitudes [T:3]

Cardinal Pts: [T:2]

Constellation: